$$R_{AC}$$
 R_{N}
 R_{10}
 R_{10}

$$R_{AC}$$
 R_{N}
 R_{10}
 $R_$

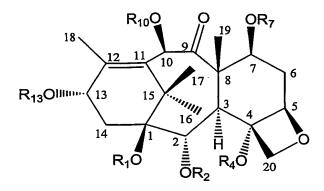
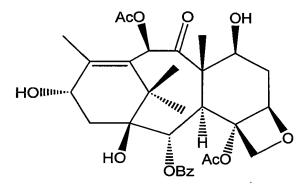


FIGURE 4



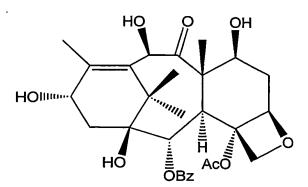


FIGURE 7

 \tilde{G}

FIGURE 9

FIGURE 10

Crude Paclitaxel

P = H or protecting group

P = H or protecting group

Taxol A (Paclitaxel)

Taxol B (Cephalomannine)

Taxol C

Taxol D

Taxol E

Taxol F

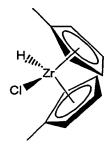
Taxol G

Docetaxel

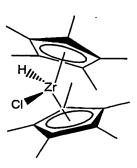
FIGURE 16 cont'

7-Xylosyl, 10-deacetyltaxol A

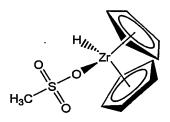
7-Xylosyl, 10-deacetyltaxol C



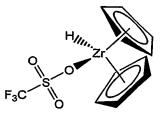
Bis(monomethylcyclopentadienyl) zirconium chloride hydride



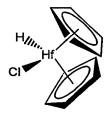
Bis(pentamethylcyclopentadienyl) zirconium chloride hydride



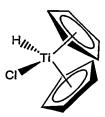
Bis(cyclopentadienyl) zirconium methylsufonate hydride



Bis(cyclopentadienyl) zirconium triflate hydride



Bis(cyclopentadienyl) hafnium chloride hydride



Bis(cyclopentadienyl) titanium chloride hydride



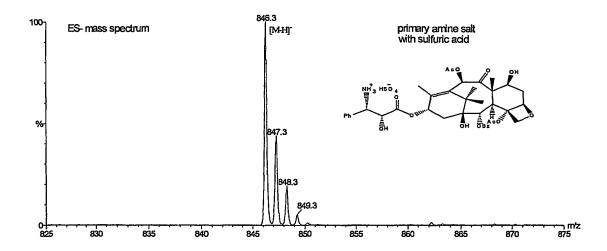


FIGURE 19B

